

Title (en)
SYSTEMS FOR DELIVERING SUBSTANCES INTO LUMINAL WALLS

Title (de)
SYSTEME ZUR ABGABE VON SUBSTANZEN IN LUMENWÄNDEN

Title (fr)
SYSTÈMES PERMETTANT D'ADMINISTRER DES SUBSTANCES DANS DES PAROIS LUMINALES

Publication
EP 1885431 B1 20191211 (EN)

Application
EP 06770116 A 20060508

Priority

- US 2006017872 W 20060508
- US 68045005 P 20050511

Abstract (en)
[origin: US2006259005A1] Angioplasty and other dilatation devices are provided with scoring elements which incorporate a drug to be delivered to a body lumen, typically a blood vessel. The scoring elements have drugs and other active substances coated over a portion thereof or incorporated within internal structure of the element so that the drug is released into the luminal wall closely associated diseased regions of the body lumen as the scoring structure is radially expanded into the wall.

IPC 8 full level
A61M 31/00 (2006.01); **A61B 17/00** (2006.01); **A61B 17/22** (2006.01); **A61B 17/3207** (2006.01); **A61F 2/86** (2013.01); **A61F 2/958** (2013.01); **A61K 31/337** (2006.01); **A61L 29/08** (2006.01); **A61L 29/16** (2006.01); **A61M 5/00** (2006.01); **A61M 25/10** (2013.01); **A61M 29/00** (2006.01); **A61M 29/02** (2006.01)

CPC (source: EP US)
A61B 17/22032 (2013.01 - EP US); **A61B 17/320725** (2013.01 - EP US); **A61F 2/86** (2013.01 - EP US); **A61F 2/958** (2013.01 - EP US); **A61K 31/337** (2013.01 - EP US); **A61L 29/085** (2013.01 - US); **A61L 29/16** (2013.01 - EP US); **A61M 5/00** (2013.01 - US); **A61M 25/104** (2013.01 - EP US); **A61P 9/10** (2017.12 - EP); **A61B 2017/00893** (2013.01 - EP US); **A61F 2210/0076** (2013.01 - EP US); **A61F 2230/0091** (2013.01 - EP US); **A61F 2250/0067** (2013.01 - EP US); **A61L 2300/00** (2013.01 - EP US); **A61L 2300/416** (2013.01 - US); **A61L 2420/06** (2013.01 - US); **A61M 2025/105** (2013.01 - EP US); **A61M 2025/1086** (2013.01 - EP US)

Citation (examination)
US 2003229370 A1 20031211 - MILLER PAUL JAMES [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 10076641 B2 20180918; **US 2006259005 A1 20061116**; EP 1885431 A2 20080213; EP 1885431 A4 20100602; EP 1885431 B1 20191211; JP 2008539959 A 20081120; JP 4977692 B2 20120718; US 10342960 B2 20190709; US 11420030 B2 20220823; US 2013204179 A1 20130808; US 2013226071 A1 20130829; US 2017150988 A1 20170601; US 2019321603 A1 20191024; US 8864743 B2 20141021; US 9586031 B2 20170307; WO 2006124398 A2 20061123; WO 2006124398 A3 20070503

DOCDB simple family (application)
US 41163506 A 20060426; EP 06770116 A 20060508; JP 2008511263 A 20060508; US 2006017872 W 20060508; US 201213707401 A 20121206; US 201313842080 A 20130315; US 201715431302 A 20170213; US 201916434205 A 20190607